

SEP 15 2004

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Attention: Examiner: Marcos L. Torres

Supervisory Examiner: William Trost

UNITED STATES PATENT AND TRADEMARK
OFFICE

Fax: (703) 872-9306

Examiner: Marcos L. Torres

Phone: (703) 305-1478

Supervisory Examiner: William Trost

Alt: (703) 308-5318

Pages: Cover + 4 + 1 = 6

Date: September 15, 2004

Certificate of Transmission

From: Georgann S. Grunebach

Fax: (310) 964-0941

Assistant General Counsel DIRECTV

Phone: (310) 964-4615

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Georgann S. Grunebach, Reg. No. 33,429

Date

Attention: Examiner Marcos L. Torres

Please find attached Re: 09/858,387

- > Supplemental Information Disclosure Statement w/Fee
- > Modified PTO Form 1449 _

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PATENT
PD-201006A
Customer No. 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Donald C.D. Chang, et al

Serial No.: 09/858,387

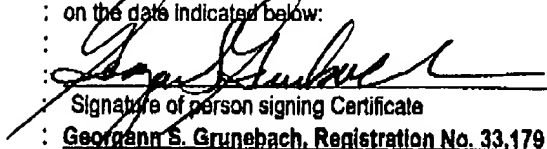
Filed: May 15, 2001

For: Communication System for Mobile Users
Using Adaptive Antenna

Group Art Unit: 2681

Examiner: Marcos L. Torres

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Signature of person signing Certificate: Georgann S. Grunbach, Registration No. 33,179

: Typed or printed name of person signing Certificate

: Date: September 15, 2004

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed substitute form for PTO/1449, (copies of references required enclosed) may be material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR 1.56, and in accordance with the Notice of the USPTO regarding the submission of Information Disclosure Statements without copies of U.S. patents and published applications in patent application filed after June 30, 2003. Applicants respectfully requested that the references be considered and made of record in the application identified above.

This information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

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PAYMENT OF FEE SET FORTH IN § 1.17 (p)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California in the amount \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account. **The form is being submitted in duplicate.**

Respectfully submitted,


Georgann S. Grunebach, Reg. No. 33,179
Attorney for Applicants

Enclosure: Modified Form for PTO-1449
The DIRECTV Group, Inc.
RE/R11/A109
P.O. Box 956
El Segundo, CA 90245-0956
(310) 984-4615

PATENT APPLICATION
Page 1 of 1

Form PTO-1449	Serial Number 09/858,387	Docket PD-201006A
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Donald C. D. Chang et al.	
(Use several sheets if necessary) Sheet 1 of 1	Filing Date 06/16/2001	Group

U.S. PATENT DOCUMENTS

	Document Number	Date	Name	Class	Sub Class
	6,167,237	12/26/00	Rapeli		
	6,173,190	01/09/01	Usui		
	6,366,761	04/02/02	Montpetit		
	6,380,893	04/30/02	Chang et al		
	6,704,543	03/09/04	Sharon et al		

	Date Considered
Examiner	

PTO-1449